

03/11/97 PATENT Attorney Docket No. 4189.0072-09000

NTHE UNITED STATES PATENT AND TRADEMARK OFFICE

| In re Application of:   |                       |
|---|-----------------------|
| Michael T. BREWER et al.  |                       |
| Serial No.: 08/484,337  | Group Art Unit: (1812 |
| Filed: June 7, 1995   | Examiner: G. Draper   |
| For: TUMOR NECROSIS FACTOR (TNF) INHIBITOR AND METHOD (FOR OBTAINING SAME ) | Charles 10            |
| Assistant Commissioner for Patents Washington, D.C. 20231                   | , dOo                 |

#### SUBMISSION OF DECLARATION AND POWER OF ATTORNEY DOCUMENTS

Applicants submit eight separate Declaration and Power of Attorney documents, each signed by one of the eight inventors. Please replace the originally-submitted Declaration and Power of Attorney document (the "Original Declaration") with the enclosed new declarations.

The Original Declaration was submitted to the United States Patent and Trademark Office in this application on March 25, 1996, along with the Reply to Decision Granting Petition/Notice to File Missing Parts and Transmittal of Assignment Under 37 C.F.R. 1.331 ("Reply"). Subsequent to that filing, the undersigned was informed that that the Original Declaration had been reconstructed by taking multiple signature pages from different declarations and attaching them to a single cover page. Debra Hickey, an employee at Amgen Boulder who coordinated the preparation and signing of the

LAW OFFICES
FINNEGAN, HENDERSON,
FARABOW, GARRETT
8 DUNNER, L. L. P.
1300 I STREET, N. W.
WASHINGTON, DC 20005
202-408-4000

Sir:

Serial No. 08/484,337

declaration documents, informed the undersigned that she understood at the time that she could reconstruct the declaration with the single cover page that was common to all of the declarations and the multiple signature pages. Thomas Zindrick, the attorney at Amgen who signed the Reply, which submitted the Original Declaration, informed the undersigned that he was not aware that the Original Declaration had been reconstructed when he signed and filed the Reply on March 25, 1996.

In an abundance of caution, to assure that the declarations on file in this application are in the condition in which they were signed, eight new declaration documents have been signed and are enclosed.

If there are any other fees due in connection with the filing of this response, please charge the fees to our Deposit Account No. 06-0916. If a fee is required for an extension of time under 37 C.F.R. § 1.136 not accounted for above, such an extension is requested and the fee should also be charged to our Deposit Account.

Respectfully submitted,

FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P.

By:

M. Paul Barker

Registration No. 32,013

Dated: March 7, 1997

LAW OFFICES
FINNEGAN, HENDERSON,
FARABOW, GARRETT

8 DUNNER, L. L. P.
1300 I STREET, N. W.
WASHINGTON, DC 20005
202-408-4000

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first, and sole inventor (if only one name is listed below) or a joint inventor (if plural names are listed below) of the invention entitled

| Tumor Necrosis Factor (TNF) Inhibitor and Met  | thod for Obtaining Same   |
|--|---|
| which is described and claimed in the specification which:   |   |
| is attached hereto.  X was filed on June 7, 1995 as Application Serial No.: 08/484,337 and was amended on (if applicable)  |   |
| I hereby state that I have reviewed and understand the conte including the claims, as amended by any amendment referred to   | ents of the above identified specification, above.  |
| I acknowledge the duty to disclose information which is material accordance with Title 37, Code of Federal Regulations, §1.56(a)                                     | I to the examination of this application in   |
| <u>Power of Attorney:</u> As a named inventor, I hereby appoint the prosecute this application and transact all business in the Patherewith:                         | following attorney(s) and/or agent(s) to atent and Trademark Office connected                           |
| Ron K. Levy, Registration No.: 31,539, Steven M. Odre, Registration No. 31,185, said attorney(s)/agent(s) to have in a the power to revoke any power herein granted. | ation No.: 29,094, and Thomas D. Zindrick, addition full power of revocation, including                 |
| Please send all future correspondence to:  | Direct Telephone Calls To:  |
| Law Dept./Debra Hickey M/S AB 3A AMGEN BOULDER INC. 3200 Walnut Street Boulder, CO 80301-2549  | Thomas D. Zindrick Attorney/Agent for Applicant(s) Registration No.: 32,185 Phone: (805) 447-8101 Date: |

#### **CERTIFICATE OF MAILING**

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to Assistant Commissioner for Patents, Washington, D.C. 20231, on the date appearing below.

| Date | Signature |
|------|-----------|

# See paper # 28 FUR. Deletion OF INVENTOR.

# DECLARATION AND POWER OF ATTORNEY (cont'd)

| Full Name of Sole or First Inventor:                                    | Michael T. Brewer  |                           |
|---|--|---------------------------|
| Inventor's Signature:   |  | Date:                     |
| Residence: Post Office Address: Citizenship:                            | 2236 Mapleton Ave., Boulder, CO 80304 USA 2236 Mapleton Ave., Boulder, CO 80304 USA U.S.A. |                           |
| Full Name of Second<br>Joint Inventor, if Any:<br>Inventor's Signature: | Karin K. Hale  | Date: <del>7-</del> /5-90 |
| Residence: Post Office Address:   | 3545 28th St. #107, Boulder, CO 80301 USA<br>3545 28th St. #107, Boulder, CO 80301 USA     |                           |
| Citizenship:  | U.S.A.   |                           |
| Full Name of Third<br>Joint Inventor, if Any:                           | Robert C. Thompson   |                           |
| Inventor's Signature:   |  | Date:                     |
| Residence: Post Office Address:   | 1820 Lehigh St., Boulder, CO 80303 USA<br>1820 Lehigh St., Boulder, CO 80303 USA           |                           |
| Citizenship:  | U.S.A.   |                           |

| Full Name of Fourth<br>Joint Inventor, if Any:  | Tadahiko Kohno  |       |
|---|---|-------|
| Inventor's Signature:                           |   | Date: |
| Residence:<br>Post Office Address:              | 1557 Hays Court, Louisville, CO 80027 USA<br>1557 Hays Court, Louisville, CO 80027 USA    |       |
| Citizenship:                                    | U.S.A.  |       |
| Full Name of Fifth<br>Joint Inventor, if Any:   | Charles Squires   |       |
| Inventor's Signature:                           |   | Date: |
| Residence:<br>Post Office Address:              | 66 Lazy Lane, The Woodlands, TX 77380<br>66 Lazy Lane, The Woodlands, TX 77380            |       |
| Citizenship:                                    | U.S.A.  |       |
| Full Name of sixth<br>Joint Inventor, if Any:   | James L. Vannice  |       |
| Inventor's Signature:                           |   | Date: |
| Residence:<br>Post Office Address:              | 2277 Holyoke, Boulder, CO 80303 USA<br>2277 Holyoke, Boulder, CO 80303 USA                |       |
| Citizenship:                                    | U.S.A.  |       |
| Full Name of seventh<br>Joint Inventor, if Any: | Michael W. King   |       |
| Inventor's Signature:                           |   | Date: |
| Residence:<br>Post Office Address:              | 333 Gardendale Rd, Terre Haute, IN 47803 USA 333 Gardendale Rd, Terre Haute, IN 47803 USA |       |
| Citizenship:                                    | U.S.A.  |       |

| Full Name of eighth Joint Inventor, if Any: | Rebecca W. Vanderslice   |       |
|---|--|-------|
| Inventor's Signature:                       |  | Date: |
| Residence: Post Office Address:             | 1011 Tantra Park Cr., Boulder, CO 80303 USA<br>1011 Tantra Park Cr., Boulder, CO 80303 USA |       |
| Citizenshin:                                | IISΔ   |       |

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first, and sole inventor (if only one name is listed below) or a joint inventor (if plural names are listed below) of the invention entitled

| rumor Necrosis Factor (TNF) Inhibitor and Method for Obtaining Same   |   |  |
|---|---|--|
| which is described and claimed in the specification which:  |   |  |
| is attached hereto.  X was filed on June 7, 1995 as Application Serial No.: 08/484,337 and was amended on (if applicable)   |   |  |
| I hereby state that I have reviewed and understand the conte<br>including the claims, as amended by any amendment referred to   | nts of the above identified specification, above.   |  |
| I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56(a).   |   |  |
| <u>Power of Attorney:</u> As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:   |   |  |
| Ron K. Levy, Registration No.: 31,539, Steven M. Odre, Registration No.: 29,094, and Thomas D. Zindrick, Registration No. 31,185, said attorney(s)/agent(s) to have in addition full power of revocation, including the power to revoke any power herein granted. |   |  |
| Please send all future correspondence to:   | Direct Telephone Calls To:  |  |
| Law Dept./Debra Hickey M/S AB 3A AMGEN BOULDER INC. 3200 Walnut Street Boulder, CO 80301-2549   | Thomas D. Zindrick Attorney/Agent for Applicant(s) Registration No.: 32,185 Phone: (805) 447-8101 Date: |  |

#### **CERTIFICATE OF MAILING**

| I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to Assistan |
|---|
| Commissioner for Patents, Washington, D.C. 20231, on the date appearing below.  |

| Date | Signature |
|------|-----------|

| Full Name of Sole or First Inventor:           | Michael T. Brewer                         | ///           |
|--|---|---------------|
| Inventor's Signature:                          | Magniff for                               | Date: 7/19/96 |
| Residence:                                     | 2236 Mapleton Ave., Boulder, CO 80304 USA |               |
| Post Office Address:                           | 2236 Mapleton Ave., Boulder, CO 80304 USA |               |
| Citizenship:                                   | U.S.A.                                    |               |
| Full Name of Second<br>Joint Inventor, if Any: | Karin K. Hale                             |               |
| Inventor's Signature:                          |   | Date:         |
| Residence:                                     | 3545 28th St. #107, Boulder, CO 80301 USA |               |
| Post Office Address:                           | 3545 28th St. #107, Boulder, CO 80301 USA |               |
| Citizenship:                                   | U.S.A.                                    |               |
| Full Name of Third<br>Joint Inventor, if Any:  | Robert C. Thompson                        |               |
| Inventor's Signature:                          |   | Date:         |
| Residence:                                     | 1820 Lehigh St., Boulder, CO 80303 USA    |               |
| Post Office Address:                           | 1820 Lehigh St., Boulder, CO 80303 USA    |               |
| Citizenship:                                   | U.S.A.                                    |               |

| Full Name of Fourth<br>Joint Inventor, if Any:  | Tadahiko Kohno  |       |
|---|---|-------|
| Inventor's Signature:                           |   | Date: |
| Residence:<br>Post Office Address:              | 1557 Hays Court, Louisville, CO 80027 USA<br>1557 Hays Court, Louisville, CO 80027 USA    |       |
| Citizenship:                                    | U.S.A.  |       |
| Full Name of Fifth<br>Joint Inventor, if Any:   | Charles Squires   |       |
| Inventor's Signature:                           |   | Date: |
| Residence: Post Office Address:                 | 66 Lazy Lane, The Woodlands, TX 77380<br>66 Lazy Lane, The Woodlands, TX 77380            |       |
| Citizenship:                                    | U.S.A.  |       |
| Full Name of sixth<br>Joint Inventor, if Any:   | James L. Vannice  |       |
| Inventor's Signature:                           |   | Date: |
| Residence:<br>Post Office Address:              | 2277 Holyoke, Boulder, CO 80303 USA<br>2277 Holyoke, Boulder, CO 80303 USA                |       |
| Citizenship:                                    | U.S.A.  |       |
| Full Name of seventh<br>Joint Inventor, if Any: | Michael W. King   |       |
| Inventor's Signature:                           |   | Date: |
| Residence:<br>Post Office Address:              | 333 Gardendale Rd, Terre Haute, IN 47803 USA 333 Gardendale Rd, Terre Haute, IN 47803 USA |       |
| Citizenship:                                    | U.S.A.  |       |

| Full Name of eighth<br>Joint Inventor, if Any: | Rebecca W. Vanderslice                      |       |
|--|---|-------|
| Inventor's Signature:                          |   | Date: |
| Residence:                                     | 1011 Tantra Park Cr., Boulder, CO 80303 USA |       |
| Post Office Address:                           | 1011 Tantra Park Cr., Boulder, CO 80303 USA |       |

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first, and sole inventor (if only one name is listed below) or a joint inventor (if plural names are listed below) of the invention entitled

Tumor Necrosis Factor (TNF) Inhibitor and Method for Obtaining Same

|  | •   |
|--|---|
| which is described and claimed in the specification which:   |   |
| is attached hereto.  X was filed on June 7, 1995 as Application Serial No.: 08/484,337 and was amended on (if applicable)  |   |
| I hereby state that I have reviewed and understand the conte including the claims, as amended by any amendment referred to   | nts of the above identified specification, above.   |
| I acknowledge the duty to disclose information which is material accordance with Title 37, Code of Federal Regulations, §1.56(a)                                     | to the examination of this application in   |
| <u>Power of Attorney:</u> As a named inventor, I hereby appoint the prosecute this application and transact all business in the Patherewith:                         | following attorney(s) and/or agent(s) to atent and Trademark Office connected                           |
| Ron K. Levy, Registration No.: 31,539, Steven M. Odre, Registration No. 31,185, said attorney(s)/agent(s) to have in a the power to revoke any power herein granted. | ation No.: 29,094, and Thomas D. Zindrick, addition full power of revocation, including                 |
| Please send all future correspondence to:  | Direct Telephone Calls To:  |
| Law Dept./Debra Hickey M/S AB 3A AMGEN BOULDER INC. 3200 Walnut Street Boulder, CO 80301-2549  | Thomas D. Zindrick Attorney/Agent for Applicant(s) Registration No.: 32,185 Phone: (805) 447-8101 Date: |

#### **CERTIFICATE OF MAILING**

| I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to Assi | istant |
|---|--------|
| Commissioner for Patents, Washington, D.C. 20231, on the date appearing below.  |        |

|      | <br>      |  |
|------|-----------|--|
| Date | Signature |  |

| Full Name of Sole or First Inventor:           | Michael T. Brewer  |            |               |
|--|--|------------|---------------|
| Inventor's Signature:                          |  |            | Date:         |
| Residence:                                     | 2236 Mapleton Ave., Boulder, CO 80304 I  | <u>JSA</u> |               |
| Post Office Address:                           | 2236 Mapleton Ave., Boulder, CO 80304 L  | <u>JSA</u> |               |
| Citizenship:                                   | U.S.A.   |            |               |
| Full Name of Second<br>Joint Inventor, if Any: | Karin K. Hale  |            |               |
| Inventor's Signature:                          |  |            | Date:         |
| Residence: Post Office Address:                | 3545 28th St. #107, Boulder, CO 80301 U<br>3545 28th St. #107, Boulder, CO 80301 U |            | ·             |
| Citizenship:                                   | U.Ş.A.   |            |               |
| Full Name of Third<br>Joint Inventor, if Any:  | Robert C. Thompson   |            |               |
| Inventor's Signature:                          | Kolate C. Thompson   |            | Date: 7/26/96 |
| Residence:                                     | 1820 Lehigh St., Boulder, CO 80303 USA   |            | ·             |
| Post Office Address:                           | 1820 Lehigh St., Boulder, CO 80303 USA   |            |               |
| Citizenship:                                   | U.S.A.   |            |               |

| Full Name of Fourth<br>Joint Inventor, if Any:                   | Tadahiko Kohno  |       |
|--|---|-------|
| Inventor's Signature:  |   | Date: |
| Residence:<br>Post Office Address:                               | 1557 Hays Court, Louisville, CO 80027 USA<br>1557 Hays Court, Louisville, CO 80027 USA    |       |
| Citizenship:   | U.S.A.  |       |
| Full Name of Fifth Joint Inventor, if Any: Inventor's Signature: | Charles Squires   | Datas |
| •  |   | Date: |
| Residence: Post Office Address:                                  | 66 Lazy Lane, The Woodlands, TX 77380<br>66 Lazy Lane, The Woodlands, TX 77380            |       |
| Citizenship:   | U.S.A.  |       |
| Full Name of sixth<br>Joint Inventor, if Any:                    | James L. Vannice  |       |
| Inventor's Signature:  | W   | Date: |
| Residence:<br>Post Office Address:                               | 2277 Holyoke, Boulder, CO 80303 USA 2277 Holyoke, Boulder, CO 80303 USA                   | ·     |
| Citizenship:   | U.S.A.  |       |
| Full Name of seventh<br>Joint Inventor, if Any:                  | Michael W. King   |       |
| Inventor's Signature:  |   | Date: |
| Residence:<br>Post Office Address:                               | 333 Gardendale Rd, Terre Haute, IN 47803 USA 333 Gardendale Rd, Terre Haute, IN 47803 USA |       |
| Citizenship:   | U.S.A.  |       |

| Full Name of eighth Joint Inventor, if Any: | Rebecca W. Vanderslice   |       |
|---|--|-------|
| Inventor's Signature:                       | ·  | Date: |
| Residence: Post Office Address:             | 1011 Tantra Park Cr., Boulder, CO 80303 USA<br>1011 Tantra Park Cr., Boulder, CO 80303 USA |       |
| Citizenship:                                | USA  |       |

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first, and sole inventor (if only one name is listed below) or a joint inventor (if plural names are listed below) of the invention entitled

Tumor Necrosis Factor (TNF) Inhibitor and Method for Obtaining Samo

| ramor recrease ractor (1141) initialitor and met   | nod for Obtaining Same  |
|--|---|
| which is described and claimed in the specification which:   |   |
| is attached hereto.  X was filed on June 7, 1995  as Application Serial No.: 08/484,337  and was amended on (if applicable)  |   |
| I hereby state that I have reviewed and understand the conteincluding the claims, as amended by any amendment referred to  | nts of the above identified specification, above.   |
| I acknowledge the duty to disclose information which is material accordance with Title 37, Code of Federal Regulations, §1.56(a)                                     | to the examination of this application in   |
| <u>Power of Attorney:</u> As a named inventor, I hereby appoint the prosecute this application and transact all business in the Patherewith:                         | following attorney(s) and/or agent(s) to atent and Trademark Office connected                           |
| Ron K. Levy, Registration No.: 31,539, Steven M. Odre, Registration No. 31,185, said attorney(s)/agent(s) to have in a the power to revoke any power herein granted. | tion No.: 29,094, and Thomas D. Zindrick, addition full power of revocation, including                  |
| Please send all future correspondence to:  | Direct Telephone Calls To:  |
| Law Dept./Debra Hickey M/S AB 3A AMGEN BOULDER INC. 3200 Walnut Street Boulder, CO 80301-2549  | Thomas D. Zindrick Attorney/Agent for Applicant(s) Registration No.: 32,185 Phone: (805) 447-8101 Date: |

#### CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to Assistant Commissioner for Patents, Washington, D.C. 20231, on the date appearing below.

| Data | <br>01 |  |
|------|--------|--|

| Full Name of Sole or First Inventor:                                   | Michael T. Brewer  |              |
|--|--|--------------|
| Inventor's Signature:  |  | Date:        |
| Residence:   | 2236 Mapleton Ave., Boulder, CO 80304 USA  |              |
| Post Office Address:   | 2236 Mapleton Ave., Boulder, CO 80304 USA  |              |
| Citizenship:   | U.S.A.   |              |
| Full Name of Second<br>Joint Inventor, if Any:                         | Karin K. Hale  |              |
| Inventor's Signature:  |  | Date:        |
| Residence: Post Office Address:  | 3545 28th St. #107, Boulder, CO 80301 USA<br>3545 28th St. #107, Boulder, CO 80301 USA |              |
| Citizenship:   | U.S.A.   |              |
| Full Name of Third<br>Joint Inventor, if Any:<br>Inventor's Signature: | Robert C. Thompson   | Date:        |
| on and a signature.  |  | <i>Duto.</i> |
| Residence:   | 1820 Lehigh St., Boulder, CO 80303 USA   |              |
| Post Office Address:   | 1820 Lehigh St., Boulder, CO 80303 USA   |              |
| Citizenship:   | U.S.A.   |              |
|  |  |              |

| Full Name of Fourth<br>Joint Inventor, if Any:  | Tadahiko Kohno  |                     |
|---|---|---------------------|
| Inventor's Signature:                           | Jalled Kaba   | Date: July 15, 1996 |
| Residence:<br>Post Office Address:              | 1557 Hays Court, Louisville, CO 80027 USA<br>1557 Hays Court, Louisville, CO 80027 USA    |                     |
| Citizenship:                                    | U.S.A.  |                     |
| Full Name of Fifth<br>Joint Inventor, if Any:   | Charles Squires   |                     |
| Inventor's Signature:                           |   | Date:               |
| Residence: Post Office Address:                 | 66 Lazy Lane, The Woodlands, TX 77380<br>66 Lazy Lane, The Woodlands, TX 77380            |                     |
| Citizenship:                                    | U.S.A.  |                     |
| Full Name of sixth<br>Joint Inventor, if Any:   | James L. Vannice  |                     |
| Inventor's Signature:                           |   | Date:               |
| Residence:<br>Post Office Address:              | 2277 Holyoke, Boulder, CO 80303 USA 2277 Holyoke, Boulder, CO 80303 USA                   |                     |
| Citizenship:                                    | U.S.A.  |                     |
| Full Name of seventh<br>Joint Inventor, if Any: | Michael W. King   |                     |
| Inventor's Signature:                           |   | Date:               |
| Residence:<br>Post Office Address:              | 333 Gardendale Rd, Terre Haute, IN 47803 USA 333 Gardendale Rd, Terre Haute, IN 47803 USA |                     |
| Citizenship:                                    | U.S.A.  |                     |

| Full Name of eighth<br>Joint Inventor, if Any: | Rebecca W. Vanderslice   |       |
|--|--|-------|
| Inventor's Signature:                          | ****   | Date: |
| Residence: Post Office Address:                | 1011 Tantra Park Cr., Boulder, CO 80303 USA<br>1011 Tantra Park Cr., Boulder, CO 80303 USA |       |
| Citizenshin:                                   | IISA   |       |

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first, and sole inventor (if only one name is listed below) or a joint inventor (if plural names are listed below) of the invention entitled

| Tumor Necrosis Factor (TNF) Inhibitor and Me   | thod for Obtaining Same   |
|--|---|
| which is described and claimed in the specification which:   |   |
| is attached hereto.  X was filed on June 7, 1995 as Application Serial No.: 08/484,337 and was amended on (if applicable)  |   |
| I hereby state that I have reviewed and understand the conte<br>including the claims, as amended by any amendment referred to                                      | ents of the above identified specification, above.  |
| I acknowledge the duty to disclose information which is materia accordance with Title 37, Code of Federal Regulations, §1.56(a                                     | al to the examination of this application in  |
| Power of Attorney: As a named inventor, I hereby appoint the prosecute this application and transact all business in the P therewith:                              | o following attorney(s) and/or agent(s) to latent and Trademark Office connected                        |
| Ron K. Levy, Registration No.: 31,539, Steven M. Odre, Registration No. 31,185, said attorney(s)/agent(s) to have in the power to revoke any power herein granted. |   |
| Please send all future correspondence to:  | Direct Telephone Calls To:  |
| Law Dept/Debra Hickey M/S AB 3A AMGEN BOULDER INC. 3200 Walnut Street Boulder, CO 80301-2549   | Thomas D. Zindrick Attorney/Agent for Applicant(s) Registration No.: 32,185 Phone: (805) 447-8101 Date: |

#### CERTIFICATE OF MAILING

| I hereby contry that this converpcedimes is being deposited with the United Stated Postal Service as leaf class mall in an invelope addressed to A | estant |
|--|--------|
| Commissioner for Patients, Washington, D.C. 20231, on the date appearing before,   |        |

Date Separate

| or First Inventor:                             | Michael T. Brewer  |       |
|--|--|-------|
| Inventor's Signature:                          |  | Date: |
| Residence:                                     | 2236 Mapleton Ave., Boulder, CO 80304 USA  |       |
| Post Office Address:                           | 2236 Mapleton Ave., Boulder, CO 80304 USA  |       |
| Citizenship:                                   | U.S.A.   |       |
| Full Name of Second<br>Joint Inventor, if Any: | Karin K, Hale  |       |
| Inventor's Signature:                          |  | Date: |
| Residence: Post Office Address:                | 3545 28th St. #107, Boulder, CO 80301 USA<br>3545 28th St. #107, Boulder, CO 80301 USA |       |
| Citizenship:                                   | U.S.A.   |       |
| Full Name of Third<br>Joint Inventor, if Any:  | Robert C. Thompson   |       |
| Inventor's Signature:                          |  | Date: |
| Residence:                                     | 1820 Lehigh St., Boulder, CO 80303 USA   |       |
| Post Office Address:                           | 1820 Lehigh St., Boulder, CO 80303 USA   |       |
| Citizenship:                                   | U.S.A.   |       |

| Full Name of Fourth<br>Joint Inventor, if Any: | Tadahiko Kohno  | Data           |
|--|---|----------------|
| Inventor's Signature:                          |   | Date:          |
| Residence: Post Office Address:                | 1557 Hays Court, Louisville, CO 80027 USA<br>1557 Hays Court, Louisville, CO 80027 USA    |                |
| Citizenship:                                   | U.Ş.A.  |                |
| Full Name of Fifth<br>Joint Inventor, if Any:  | Charles Sopires   | - 10/1 /46     |
| Inventor's Signature:                          | Alsilo X June   | Date: 10/16/4E |
| Residence:                                     | 66 Lazy Lane. The Woodlands, TX 77380   |                |
| Post Office Address:                           | 66 Lazy Lane, The Woodlands, TX 77380   |                |
| Citizenship:                                   | U.S.A.  |                |
| Full Name of sixth<br>Joint Inventor, if Any:  | James L. Vannice  |                |
| Inventor's Signature:                          |   | Date:          |
| Residence: Post Office Address:                | 2277 Holyoke, Boulder, CO 80303 USA 2277 Holyoke, Boulder, CO 80303 USA                   |                |
| Citizenship:                                   | <u>U.Ş.A.</u>   |                |
|  |   |                |
| Full Name of seventh Joint Inventor, if Any:   | Michael W. King   |                |
| Inventor's Signature:                          |   | Date:          |
| Residence: Post Office Address:                | 333 Gardendale Rd, Terre Haute, IN 47803 USA 333 Gardendale Rd, Terre Haute, IN 47803 USA |                |
| Citizenship:                                   | U.S.A.  |                |

See paper#38 For Peletion of Inventor

| Full Name of eighth Joint Inventor, if Any: | Rebecca W. Vanderslice   |       |
|---|--|-------|
| Inventor's Signature:                       |  | Date: |
| Residence:<br>Post Office Address:          | 1011 Tantra Park Cr., Boulder, CO 80303 USA<br>1011 Tantra Park Cr., Boulder, CO 80303 USA |       |
| Citizenshin                                 | USA  |       |

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first, and sole inventor (if only one name is listed below) or a joint inventor (if plural names are listed below) of the invention entitled

Tumor Necrosis Factor (TNF) Inhibitor and Method for Obtaining Same

| ,   | <b>J</b>  |  |  |
|---|---|--|--|
| which is described and claimed in the specification which:  |   |  |  |
| is attached hereto.  X was filed on June 7, 1995  as Application Serial No.: 08/484,337  and was amended on (if applicable)   |   |  |  |
| I hereby state that I have reviewed and understand the conteincluding the claims, as amended by any amendment referred to   | nts of the above identified specification, above.   |  |  |
| I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56(a).   |   |  |  |
| <u>Power of Attorney:</u> As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:   |   |  |  |
| Ron K. Levy, Registration No.: 31,539, Steven M. Odre, Registration No.: 29,094, and Thomas D. Zindrick, Registration No. 31,185, said attorney(s)/agent(s) to have in addition full power of revocation, including the power to revoke any power herein granted. |   |  |  |
| Please send all future correspondence to:   | Direct Telephone Calls To:  |  |  |
| Law Dept./Debra Hickey M/S AB 3A AMGEN BOULDER INC. 3200 Walnut Street Boulder, CO 80301-2549   | Thomas D. Zindrick Attorney/Agent for Applicant(s) Registration No.: 32,185 Phone: (805) 447-8101 Date: |  |  |

#### **CERTIFICATE OF MAILING**

| I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to Assista | ınt |
|--|-----|
| Commissioner for Patents, Washington, D.C. 20231, on the date appearing below.   |     |

| Date | Signature |
|------|-----------|

| Michael T. Brewer  |  |
|--|--|
|  | Date:  |
| 2236 Mapleton Ave., Boulder, CO 80304 USA  |  |
| ,  |  |
| U.S.A.   |  |
| Karin K. Hale  |  |
|  | Date:  |
| 3545 28th St. #107, Boulder, CO 80301 USA<br>3545 28th St. #107, Boulder, CO 80301 USA |  |
| U.S.A.   |  |
| Robert C. Thompson   | Data   |
| <u> </u>   | Date:  |
| 1820 Lehigh St., Boulder, CO 80303 USA   |  |
| 1820 Lehigh St., Boulder, CO 80303 USA   |  |
| U.S.A.   |  |
|  | 2236 Mapleton Ave., Boulder, CO 80304 USA 2236 Mapleton Ave., Boulder, CO 80304 USA U.S.A.  Karin K. Hale  3545 28th St. #107, Boulder, CO 80301 USA 3545 28th St. #107, Boulder, CO 80301 USA U.S.A.  Robert C. Thompson  1820 Lehigh St., Boulder, CO 80303 USA 1820 Lehigh St., Boulder, CO 80303 USA |

| Full Name of Fourth Joint Inventor, if Any:  | Tadahiko Kohno   |               |
|--|--|---------------|
| Inventor's Signature:  |  | Date:         |
| Residence: Post Office Address: Citizenship:   | 1557 Hays Court, Louisville, CO 80027 USA 1557 Hays Court, Louisville, CO 80027 USA U.S.A.                     |               |
| Full Name of Fifth Joint Inventor, if Any:   | Charles Squires  | Date:         |
| Residence: Post Office Address: Citizenship:   | 66 Lazy Lane, The Woodlands, TX 77380 66 Lazy Lane, The Woodlands, TX 77380 U.S.A.                             |               |
| Full Name of sixth<br>Joint Inventor, if Any:<br>Inventor's Signature:<br>Residence:<br>Post Office Address:<br>Citizenship: | James L. Vannice  Z. Vannice  2277 Holyoke, Boulder, CO 80303 USA  2277 Holyoke, Boulder, CO 80303 USA  U.S.A. | Date: 8/10/94 |
| Full Name of seventh<br>Joint Inventor, if Any:<br>Inventor's Signature:<br>Residence:<br>Post Office Address:               | Michael W. King  333 Gardendale Rd, Terre Haute, IN 47803 USA  333 Gardendale Rd, Terre Haute, IN 47803 USA    | Date:         |
| Citizenship:   | 333 Gardendale Rd, Terre Haute, IN 47803 USA U.S.A.  |               |

| Full Name of eighth Joint Inventor, if Any: | Rebecca W. Vanderslice   |       |
|---|--|-------|
| Inventor's Signature:                       |  | Date: |
| Residence: Post Office Address:             | 1011 Tantra Park Cr., Boulder, CO 80303 USA<br>1011 Tantra Park Cr., Boulder, CO 80303 USA |       |
| Citizenship:                                | U.S.A.   |       |

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first, and sole inventor (if only one name is listed below) or a joint inventor (if plural names are listed below) of the invention entitled

Tumor Necrosis Factor (TNF) Inhibitor and Method for Obtaining Same

| ( ) , and more   | med to: Obtaining Carrie  |  |  |
|--|---|--|--|
| which is described and claimed in the specification which:   |   |  |  |
| is attached hereto.  X was filed on June 7, 1995  as Application Serial No.: 08/484,337  and was amended on (if applicable)  |   |  |  |
| I hereby state that I have reviewed and understand the conte<br>including the claims, as amended by any amendment referred to  | ents of the above identified specification, above.  |  |  |
| I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56(a).  |   |  |  |
| <u>Power of Attorney:</u> As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:  |   |  |  |
| Ron K. Levy, Registration No.: 31,539, Steven M. Odre, Registration No.: 29,094, and Thomas D. Zindrick, Registration No. 31,185, said attorney(s)/agent(s) to have in addition full power of revocation, including the power to revoke any power herein granted.  |   |  |  |
| Please send all future correspondence to:  | Direct Telephone Calls To:  |  |  |
| Law Dept./Debra Hickey M/S AB 3A AMGEN BOULDER INC. 3200 Walnut Street Boulder, CO 80301-2549  | Thomas D. Zindrick Attorney/Agent for Applicant(s) Registration No.: 32,185 Phone: (805) 447-8101 Date:   |  |  |
| prosecute this application and transact all business in the Patherewith:  Ron K. Levy, Registration No.: 31,539, Steven M. Odre, Registration No. 31,185, said attorney(s)/agent(s) to have in a the power to revoke any power herein granted.  Please send all future correspondence to:  Law Dept./Debra Hickey M/S AB 3A  AMGEN BOULDER INC. 3200 Walnut Street | atent and Trademark Office connected ation No.: 29,094, and Thomas D. Zindrick addition full power of revocation, including Direct Telephone Calls To:  Thomas D. Zindrick Attorney/Agent for Applicant(s) Registration No.: 32,185 Phone: (805) 447-8101 |  |  |

#### **CERTIFICATE OF MAILING**

| I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to Assis | stant |
|--|-------|
| Commissioner for Patents, Washington, D.C. 20231, on the date appearing below.   |       |

| ate | Signature |  |
|-----|-----------|--|

| Full Name of Sole or First Inventor:           | Michael T. Brewer  |       |
|--|--|-------|
| Inventor's Signature:                          |  | Date: |
| Residence:                                     | 2236 Mapleton Ave., Boulder, CO 80304 USA  |       |
| Post Office Address:                           | 2236 Mapleton Ave., Boulder, CO 80304 USA  |       |
| Citizenship:                                   | U.S.A.   |       |
| Full Name of Second<br>Joint Inventor, if Any: | Karin K. Hale  |       |
| Inventor's Signature:                          |  | Date: |
| Residence: Post Office Address:                | 3545 28th St. #107, Boulder, CO 80301 USA<br>3545 28th St. #107, Boulder, CO 80301 USA |       |
| Citizenship:                                   | U.S.A.   |       |
| Full Name of Third<br>Joint Inventor, if Any:  | Robert C. Thompson   |       |
| Inventor's Signature:                          |  | Date: |
| Residence:                                     | 1820 Lehigh St., Boulder, CO 80303 USA   |       |
| Post Office Address:                           | 1820 Lehigh St., Boulder, CO 80303 USA   |       |
| Citizenship:                                   | U.S.A.   |       |

| Full Name of Fourth<br>Joint Inventor, if Any:<br>Inventor's Signature: | Tadahiko Kohno                               | Data          |
|---|--|---------------|
| inventor o orginatare.  |  | Date:         |
| Residence:  | 1557 Hays Court, Louisville, CO 80027 USA    |               |
| Post Office Address:  | 1557 Hays Court, Louisville, CO 80027 USA    |               |
| Citizenship:  | U.S.A.                                       |               |
| ,   |  |               |
| Full Name of Fifth<br>Joint Inventor, if Any:                           | Charles Squires                              |               |
| •   |  | 5.            |
| Inventor's Signature:   |  | Date:         |
| Residence:  | 66 Lazy Lane, The Woodlands, TX 77380        |               |
| Post Office Address:  | 66 Lazy Lane, The Woodlands, TX 77380        |               |
| Citizenship:  | U.S.A.                                       |               |
| Full Name of sixth<br>Joint Inventor, if Any:                           | James L. Vannice                             |               |
| Inventor's Signature:   |  | Date:         |
| ·   |  |               |
| Residence:  | 2277 Holyoke, Boulder, CO 80303 USA          |               |
| Post Office Address:  | 2277 Holyoke, Boulder, CO 80303 USA          |               |
| Citizenship:  | U.S.A.                                       |               |
|   |  |               |
| Full Name of seventh Joint Inventor, if Any:                            | Michael W. King                              |               |
| Inventor's Signature:   | Mullich /                                    | Date: 7/20/96 |
| Residence:  | 333 Gardendale Rd Terre Haute, IN 47803 USA  |               |
| Post Office Address:  | 333 Gardendale Rd, Terre Haute, IN 47803 USA |               |
| Citizenship:  | U.S.A.                                       |               |

See paper# 35 FDR The Deletion of Twww.tm

| Full Name of eighth Joint Inventor, if Any: | Rebecca W. Vanderslice                      |       |
|---|---|-------|
| Inventor's Signature:                       |   | Date: |
| Residence:                                  | 1011 Tantra Park Cr., Boulder, CO 80303 USA |       |
| Post Office Address:                        | 1011 Tantra Park Cr., Boulder, CO 80303 USA |       |
| Citizenship:                                | IISA  |       |

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first, and sole inventor (if only one name is listed below) or a joint inventor (if plural names are listed below) of the invention entitled

| Tumor Necrosis Factor (TNF) Inhibitor and Method for Obtaining Same   |   |  |  |
|---|---|--|--|
| which is described and claimed in the specification which:  |   |  |  |
| is attached hereto.  X was filed on June 7, 1995 as Application Serial No.: 08/484,337 and was amended on (if applicable)   |   |  |  |
| I hereby state that I have reviewed and understand the conte including the claims, as amended by any amendment referred to  | nts of the above identified specification, above.   |  |  |
| I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56(a).   |   |  |  |
| <u>Power of Attorney:</u> As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:   |   |  |  |
| Ron K. Levy, Registration No.: 31,539, Steven M. Odre, Registration No.: 29,094, and Thomas D. Zindrick, Registration No. 31,185, said attorney(s)/agent(s) to have in addition full power of revocation, including the power to revoke any power herein granted. |   |  |  |
| Please send all future correspondence to:   | Direct Telephone Calls To:  |  |  |
| Law Dept./Debra Hickey M/S AB 3A AMGEN BOULDER INC. 3200 Walnut Street Boulder, CO 80301-2549   | Thomas D. Zindrick Attorney/Agent for Applicant(s) Registration No.: 32,185 Phone: (805) 447-8101 Date: |  |  |
| ·   |   |  |  |

#### **CERTIFICATE OF MAILING**

| a nereby centry that this correspondence is being deposited with the United States | Postal Service as first class mail in an envelope addressed to Assistant |
|--|--|
| Commissioner for Patents, Washington, D.C. 20231, on the date appearing below.     | ·  |
|  |  |

| Date | Signature |
|------|-----------|

| Full Name of Sole or First Inventor:                                   | Michael T. Brewer  |           |       |
|--|--|-----------|-------|
| Inventor's Signature:  |  | I         | Date: |
| Residence:   | 2236 Mapleton Ave., Boulder, CO 80304 US   | <u>SA</u> |       |
| Post Office Address:   | 2236 Mapleton Ave., Boulder, CO 80304 US   | <u>8A</u> |       |
| Citizenship:   | U.S.A.   |           |       |
| Full Name of Second<br>Joint Inventor, if Any:                         | Karin K. Hale  |           |       |
| Inventor's Signature:  |  | [         | Date: |
| Residence: Post Office Address:  | 3545 28th St. #107, Boulder, CO 80301 US<br>3545 28th St. #107, Boulder, CO 80301 US | _         |       |
| Citizenship:   | U.S.A.   |           |       |
| Full Name of Third<br>Joint Inventor, if Any:<br>Inventor's Signature: | Robert C. Thompson   | ]         | Date: |
| Residence:<br>Post Office Address:                                     | 1820 Lehigh St., Boulder, CO 80303 USA<br>1820 Lehigh St., Boulder, CO 80303 USA     |           |       |
| Citizenship:   | U.S.A.   |           |       |

| Full Name of Fourth<br>Joint Inventor, if Any:  | Tadahiko Kohno  |       |
|---|---|-------|
| Inventor's Signature:                           |   | Date: |
| Residence:<br>Post Office Address:              | 1557 Hays Court, Louisville, CO 80027 USA<br>1557 Hays Court, Louisville, CO 80027 USA    |       |
| Citizenship:                                    | U.S.A.  |       |
| Full Name of Fifth<br>Joint Inventor, if Any:   | Charles Squires   |       |
| Inventor's Signature:                           |   | Date: |
| Residence:<br>Post Office Address:              | 66 Lazy Lane, The Woodlands, TX 77380<br>66 Lazy Lane, The Woodlands, TX 77380            |       |
| Citizenship:                                    | U.S.A.  |       |
| Full Name of sixth<br>Joint Inventor, if Any:   | James L. Vannice  |       |
| Inventor's Signature:                           |   | Date: |
| Residence:<br>Post Office Address:              | 2277 Holyoke, Boulder, CO 80303 USA 2277 Holyoke, Boulder, CO 80303 USA                   |       |
| Citizenship:                                    | U.S.A.  |       |
| Full Name of seventh<br>Joint Inventor, if Any: | Michael W. King   |       |
| Inventor's Signature:                           |   | Date: |
| Residence:<br>Post Office Address:              | 333 Gardendale Rd, Terre Haute, IN 47803 USA 333 Gardendale Rd, Terre Haute, IN 47803 USA |       |
| Citizenship:                                    | U.S.A.  |       |

| Han.     | 4       | ļ    |
|----------|---------|------|
| Aber #38 | ROF &   | 100  |
|          | MOIXAIA | からかい |

Full Name of eighth Joint Inventor, if Any:

Rebecca W. Vanderslice

Inventor's Signature:

Residence:

1011 Tantra Park Cr., Boulder, CO 80303 USA

Post Office Address:

1011 Tantra Park Cr., Boulder, CO 80303 USA

Citizenship:

U.S.A.